Unit 201: Employment and employability in the building services engineering sector

# Worksheet 4: Industry bodies and CPD within BSE

**Task 1**: Multiple choice and open questions

Circle the correct response.

1. Which mechanical trade body represents industry and offers standards and guidance to its members?

a BESA.

b CIBSE.

c HSE.

d JIB.

1. Which institution produces guides for BSE professionals and has membership options for students?

a BESA.

b CIBSE.

c HSE.

d JIB.

1. What is the main benefit of CPD in the BSE industry?

a To improve the overall quality of BSE work in the UK.

b To reduce the number of BSE workers.

c To increase the cost of construction projects.

d To reduce the number of apprenticeships in the industry.

1. Which is not an outcome of joining a relevant professional body?

a Career opportunities.

b Continuous professional development (CPD).

c Access to technical resources.

d Guaranteed work opportunity.

1. Which competency card scheme is intended for those working in the electrical sector?

a CSCS card.

b SKILLcard.

c ECS card.

d ACRIB card.

1. Which card is suitable for a Mechanical Design Engineer who is qualified to Level 5?

a Gold SKILLcard.

b Black SKILLcard.

c Gold ECS card.

d White ECS card.

1. How does CPD benefit a building services engineer?

a It grants access to secure sites.

b It allows employees to keep up-to-date with technology.

c It increases profit margins on jobs.

d It improves communication between the client and the customer.

**Task 2**: Case Study ‘John the Plumber’

Read the following case study and answer the following questions.

John is a self-employed plumber who has been working in the BSE industry for over 10 years. He has gained a lot of experience and knowledge over the years but has noticed a decline in the number of new clients coming his way. He is finding it difficult to compete with younger plumbers who have completed more recent training and courses, making them more knowledgeable about new plumbing technologies and techniques. John realises the importance of continuing his professional development to stay competitive in the industry. He decides to enrol in a CPD course that focuses on the latest plumbing technologies and techniques. The course is provided by a local trade association and covers topics such as energy-efficient heating systems and water-saving techniques. After completing the course, John starts to advertise his updated knowledge and skills to potential clients.

He uses social media and his website to showcase his expertise in the latest plumbing technologies and techniques. He starts to receive more inquiries and contracts, and his business begins to grow once again. John is also aware of the importance of staying up-to-date with health and safety regulations in the industry. He takes an online course on health and safety for tradespeople and receives a certification upon completion. He uses this certification to promote his commitment to health and safety in his plumbing work. Overall, John's decision to invest in his professional development by taking CPD courses has helped him to stay competitive. He continues to provide high-quality plumbing services to his clients, and his business is thriving once again.

1. What is CPD?

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1. Why did John enrol in a CPD course?

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1. How did John promote his updated knowledge and skills?

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1. What is the importance of staying up-to-date with health and safety regulations in the industry?

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1. How has John's investment in professional development helped him?

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